AMENDMENTS TO THE SPECIFICATION

Please replace the present title with the following rewritten title:

Page 19, lines 10-25 to page 20, lines 1-15.

Fig. 13 illustrates how an inspection of stray light is carried out by use of the storable fluorescent inspection sheet 21 shown in Fig. ~~9~~12. Assume that in the radiation image reader 1, stray light develops at the position P6 shown in Fig. 11 during reading at the position P5. As illustrated in Fig. 13, a low-density region 27A and a high-density region 27B develop in an image 27, obtained by reading the storable fluorescent inspection sheet 21. In the case where the positions P5 and P6 on a certain horizontal scanning line are both in the low-density region 24A of the radiation inspection image 24, noise resulting from stray light is inconspicuous. However, in the case where the horizontal scanning line is moved by vertical scanning during reading of the storable fluorescent inspection sheet 21, and the position P5 is in the low-density region 24A and the position P6 in the high-density region 24B, noise 23 in the form of a line extending in the vertical scanning direction will develop at the position in the image 27 that corresponds to the position P5 in the low-density region 27A. Therefore, using the storable fluorescent inspection sheet 21 having stored and recorded the radiation inspection image 24 that has the density pattern shown in Fig. 12, stray light can be inspected with reliability. In the image 27 obtained from a storable fluorescent inspection sheet 21 such as this, if the intersection between the horizontal scanning line, passing through point P5' where the noise 23 develops, and the boundary line 27C (between the low-density region 27A and the high-density region 27B) is taken to be P6', the intersection P6' represents the position at which stray light develops. Therefore, the position at

which stray light develops can also be found by use of the storable fluorescent inspection sheet 21 having stored and recorded the radiation inspection image 24 shown in Fig. 12.